

REPUBLIC OF IRAQ
MINISTRY OF OIL
NORTH GAS COMPANY (NGC)

بسم الله الرحمن الرحيم



وزارة النفط
MINISTRY OF OIL
شركة غاز الشمال (شركة عامة)

REF. NO.: M7/281/2/ 637
DATE: 17/2/2011
TO:
E-mail:

SUBJ.: INDENT NO. 1967 / 2010
QUOTATION FOR THE SUPPLY OF
COMPLETE RECIPROCATIN COMPRESSOR FOR
REFRIGERATION UNIT CONSIST OF TWO COMPRESSOR

Dear sirs,

Pls. quote yr prices for the supply of materials as the two attached lists of technical specifications and special conditions & requirements:

Taking Into Yr Consideration That :

Offers must be in sealed envelopes (technical & commercial offers) with indent number and closing date clearly mentioned on the envelopes, addressed to the attention of B.B.C. (BROADLY BIDS BOX) at NORTH GAS COMPANY, P.O.BOX (16) – KIRKUK, IRAQ, must be dropped in the B.B.C. tenders box at the N.G.C. reception.

Best Regards

HUNAR N. HASSAN
DIRECTOR GENERAL
CHAIRMAN OF BOARD

P. BOX (16) KIRKUK
BAIJI-KIRKUK ROAD
E-MAIL: gas@ngc.gov.iq
WEBSITE: www.ngc.gov.iq

Attached list of special condition and requirement

Ministry of oil

North Gas Company

Indent number: 1967/2010

1. Offer should be worked out on the basis of **CIP Kirkuk**
2. Kindly state the following:-
 - a. Unit price.
 - b. Delivery date & offer validity **(90) days**
 - c. Include bid bond **(1%)** of offer value valid for **(90) days** within Technical-envelope otherwise be declined.
 - d. Country of origin.
 - e. Port & country of export
 - f. Performance certificate and all relevant document involved.
 - g. **NGC** may decline offers of lesser Prices.
 - i. Specify shipment route.
 - j. Offers must be signed and stamped alive & must be in sealed envelopes (**Technical & Commercial offers to be separated**) with indent number and closing date clearly mentioned on the envelopes .
3. Yr offer should be mailed before: **8 / 3 /2011**(prior to 3:00pm), is highly appreciated.
4. **Payment:**
 - a. **By L/C 70%** Payable against bank guarantee and shipping documents.
30% payable upon arrival approval of goods to final destination
 - b. Payment in **Iraqi Dinars** after receiving materials at **NGC** & contractually to be fixed & exchanging rate of Arrival materials to **NGC**.
5. **Penalty:** Delay penalty: **contract amount x 10%**
Contract period
Will be applied for each day delay of shipment after the stated delivery period on contract and not to exceed more than **(10%)** of contract amount.
6. If you are not interested in offering quotations, please let us know within given period.
7. Offers will neglect one or more of a/m conditions, shall be neglected.
8. Good performance's guarantee ranging **(5%)** of P/O amount should be submitted by the supplier & **it should be of the same currency of the contract being signed.**
9. Submitted prices are final & non-negotiable.
10. Local companies are requested to submit their official registration papers; as for foreign companies, they should be submitting their incorporation registered papers.
11. Before delivering the envelopes containing offer(s), the bidder requested to pay **(ID 100000) one hundred thousand Iraqi Dinars** against receipt (copy to be attached to technical offer). Otherwise we would be obliged to decline yr quotation.
12. Supplier should arrange to attend (be present) ay our company on the day of opening due offers (working day after closing date). In case of falling to attend on mentioned date, concerned committee is liable to proceed with their procedures.
13. supplier to present a full set of shipping documents authenticated from Iraqi embassy at suppler country, including epidemic-free license for export materials.
14. **Offers should be from manufacturing companies or authorized agents**
15. **Agents-suppliers ... Should submit authorization from the main manufacturer(s) (all relevant documents to be originals-genuine)**
16. Local companies and/or companies having official & registered branches within Iraq are to afford taxes, customs, fees etc.
17. Signing contracts may be through/by authorized regional agent, within Iraq embassy in supplies' country
18. Tenders should be pursued definitely via corresponding **NGC/E-mail or communicating NGC reception**
- 19- Review final account approved by a charter account in past year for financial efficiency
- 20- Certificate of Incorporation being authenticated by Iraqi commercial attaché in the country of origin.
- 21- Letter of tax exemption to be submitted issued by General Commission of Taxes for Iraqi's companies & for the foreign ones which have branch/ representative office inside Iraq.
- 22- The capital of your company should not be less than two billion ID.
- 23- The contractor bears the tender wages announcement.


Best Regards
HUNAR N. HASSAN
DIRECTOR GENERAL

P. BOX (16) KIRKUK
BAIJI-KIRKUK ROAD
E-MAIL: gas@ngc.gov.iq
WEBSITE: www.ngc.gov.iq

شركة غاز الشمال (شركة عامة)

طلبية شراء

MATERIALS INDENT

نموذج رقم ()

NEEDED FOR.....

S	CE
T	AL
O	RA
R	DS
E	S
1	23

INDENT SERIAL NO
5 8
1967

DATE REQUIRED	MM	YY
		20

DATE RAISED	DD	MM	YY
	15		20
	26	8	2010

الرقم VOCABULARY	الوصف	الوحدة UNIT	الكمية QUANTITY	المبلغ VALUE	REMARKS
23 24 33	Complete Reciprocating compressor for Refrigeration unit consist of two Compressor :- Set .no.1 refrigerator reciprocating single stage type VM-3 , Refrigerant gas : R22 cylinder dia. : 115 mm stroke = 90 mm no . of . cylinder : 3 revolution : 700 R.P.M Piston displacement : 117.7 m ³ /HR Condensing temp. 40 deg.c Evaporating temp : 3 deg.c Refrigerating capacity : 86800 KCAL/HR Standard capacity : 13.8 RT Shaft power : 23.3 kw Motor power : 30 kw	62 64	65 70	71 80	
001 611070/400.3		NO	ONE		GENERAL

-1-

مجموع الفقرات
TOTAL ITEMS

المدير العام
هشام نجيب حسن

سيطرة مخزنية
مؤيد

توقيع طالب المواد
اصدق حسين صاقل

شركة غاز الشمال (شركة عامة)

طلبية شراء

MATERIALS INDENT

NEEDED FOR.....

نموذج رقم ()

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INDENT SERIAL NO
5 8
1967

DATE REQUIRED	MM	YY
		20

DATE RAISED	DD	MM	YY
	15		20
	26	8	2010

ت I T E M	الرقم الازمزي VOCABULARY	DESCRIPTION	المواصفات	الوحدة UNIT	الكمية QUANTITY	المبلغ VALUE	REMARKS
23	24	33	Cooling water consumption : 24 m3/hr Driving method : v-belt Capacity control : 66% (unloading) Material (main parts) Crankcase , casing Motor * 1 - Volt 380V , 50HZ, 30 KW Amp 57 ,R.p.m . 1460 Type TIKK Ins -class E Run .cont. connect Δ Amb. Temp. 55 deg.C Rise (R.M) 64 Deg..C	62 64	65 70 71	80	

التوقيع
مدير المشتريات
15/8/2010

()

NEEDED FOR.....

شركة غاز الشمال (شركة عامة)

DATE RAISED		
DD	MM	YY
15		20
26	8	2001

ITEM	الرقم الرمزي VOCABULARY		DESCRIPTION المواصفات	الوحدة UNIT		الكمية QUANTITY		المبلغ VALUE		REMARKS
	23	24		62	64	65	70	71	80	
202	611070/500.3		Set no.2refrigerator reciprocating two stage Type vm-42 , refrigerant gas : R22 Cylinder Dia. 1 st stage 2 nd stage 115 mm 115 mm Stroke 90 mm 90 mm No . of cylinder 4 2 Revolution 1000 R.p.m Swept volume of piston 224-3m3 112-1m3	NO	ONE					مصادرات والتبريد م

طلبية شراء

MATERIALS INDENT

(شركة غاز الشمال (شركة عامة)

NEEDED FOR.....

نموذج رقم ()

S	CE
T	AL
O	RA
R	DS
E	S
1	23

INDENT SERIAL NO	
5	8
1967	

DATE REQUIRED	MM	YY
		20

DATE RAISED	DD	MM	YY
	15		20
	26	8	2010

ت I T E M	الرقم الرمزي VOCABULARY	المواصفات DESCRIPTION	الوحدة UNIT	الكمية QUANTITY	المبلغ VALUE	REMARKS
23	24	33	62	64	71	80
		Condensing temp. : 40 deg. C Evaporating temp. : -45 deg. C Refrigerating capacity : 31400 KCAL/HR Standard capacity : 15.2 RT Shaft power : 25 kw Motor power : 37 kw Cooling water consumption : 24 m3/HR Driving method : v-belt Capacity control : 50% (unload , 1st stage) Safety device : HPS, OPS , LPS Material (main parts) crankcase , casing				

طلبية شراء

MATERIALS INDENT

شركة غاز الشمال (شركة عامة)

NEEDED FOR.....

نموذج رقم ()

S	CE
T	AL
O	RA
R	DS
E	S
1	23

INDENT SERIAL NO
5
8
1967

DATE REQUIRED	MM	YY
		20

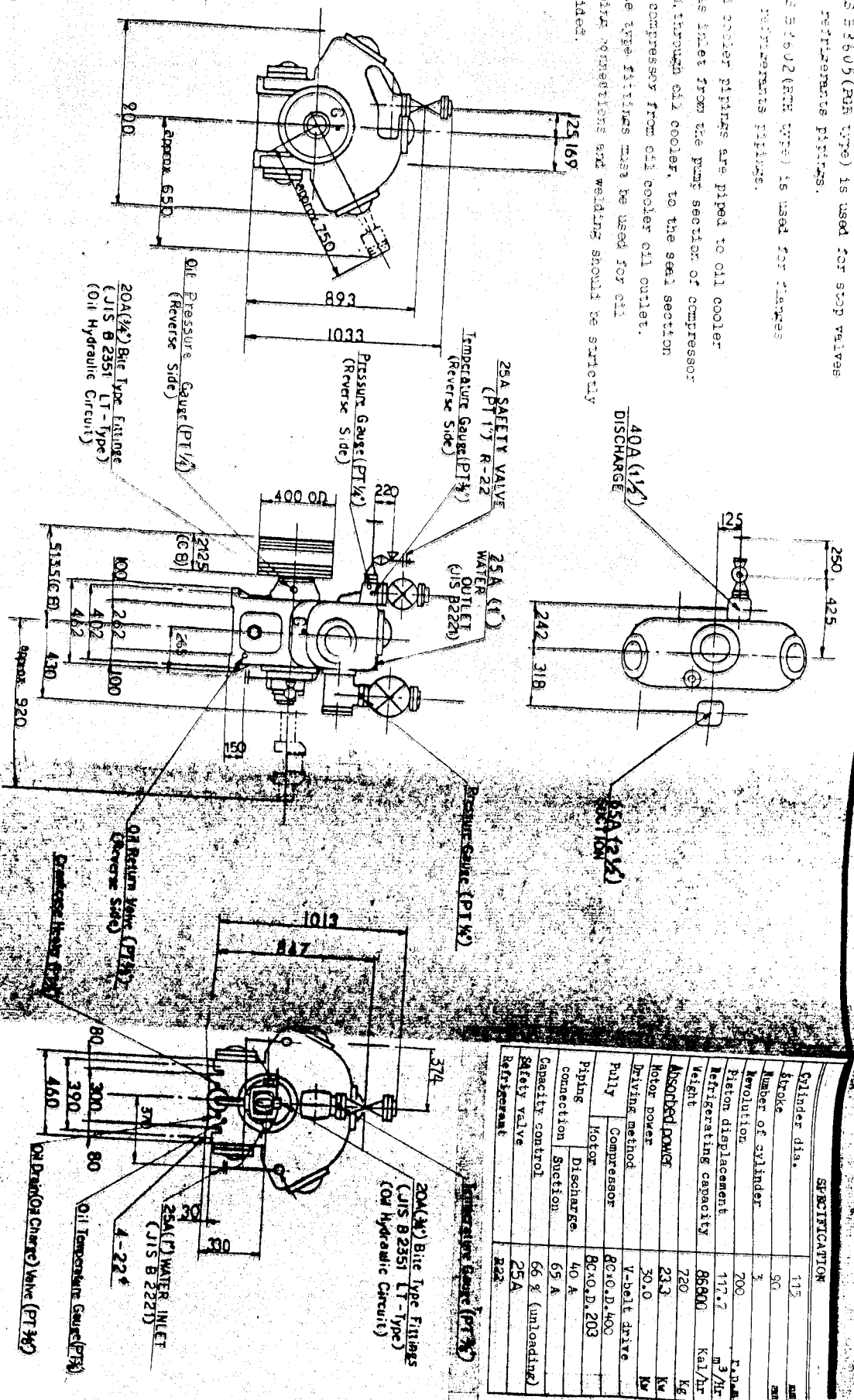
DATE RAISED	DD	MM	YY
	15		20
	26	8	2010

ت I T E M	الرقم الرمزي VOCABULARY	DESCRIPTION المواصفات	الوحدة UNIT	الكمية QUANTITY	المبلغ VALUE	REMARKS
23	24	33	62	64	71	80
		Motor : * 2- volt 380 v, 50HZ , 37 kw, Amp 70 R.p.m 1400 Type Tikk Ins . class E Running cont. Connect Δ , Temp. Amp. 55 Deg.C Rise (R.M) 64 Deg.c <u>NOTES</u> 1- Manufacture : JAPAN, USA, WESTERN EUROP 2- Spare part for two years operation .				

JIS B 2605 (RHS type) is used for stop valves of refrigerant piping.

JIS B 602 (RHS type) is used for stop valves of refrigerant piping.

Oil cooler pipes are piped to oil cooler oil inlet from the pump section of compressor and, through oil cooler, to the seal section of compressor from oil cooler oil outlet. Blue type fittings must be used for all piping connections and welding should be strictly avoided.



SPECIFICATION	
Cylinder dia.	115 mm
Stroke	90 mm
Number of cylinder	3
Revolution	700
Piston displacement	117.7 m ³ /hr
Refrigerating capacity	85000 kcal/hr
Weight	720 kg
Absorbed power	23.3 kW
Motor power	30.0 kW
Driving method	V-belt drive
Pully	RC-0.D.400
Piping connection	RC-0.D.203
Capacity control	65 A
Safety valve	25A
Refrigerant	R22

Proj. 1424/Client SCOP-1RAO

MR 2410.01 PO 2009

Item 34 BBS-GC-502

No.1 REFRIGERATOR

DR. *Wentz* SCALE 1/20

APPR. *Wentz*

DATE SH. 9. 1990

DWG NO. 3B 1817

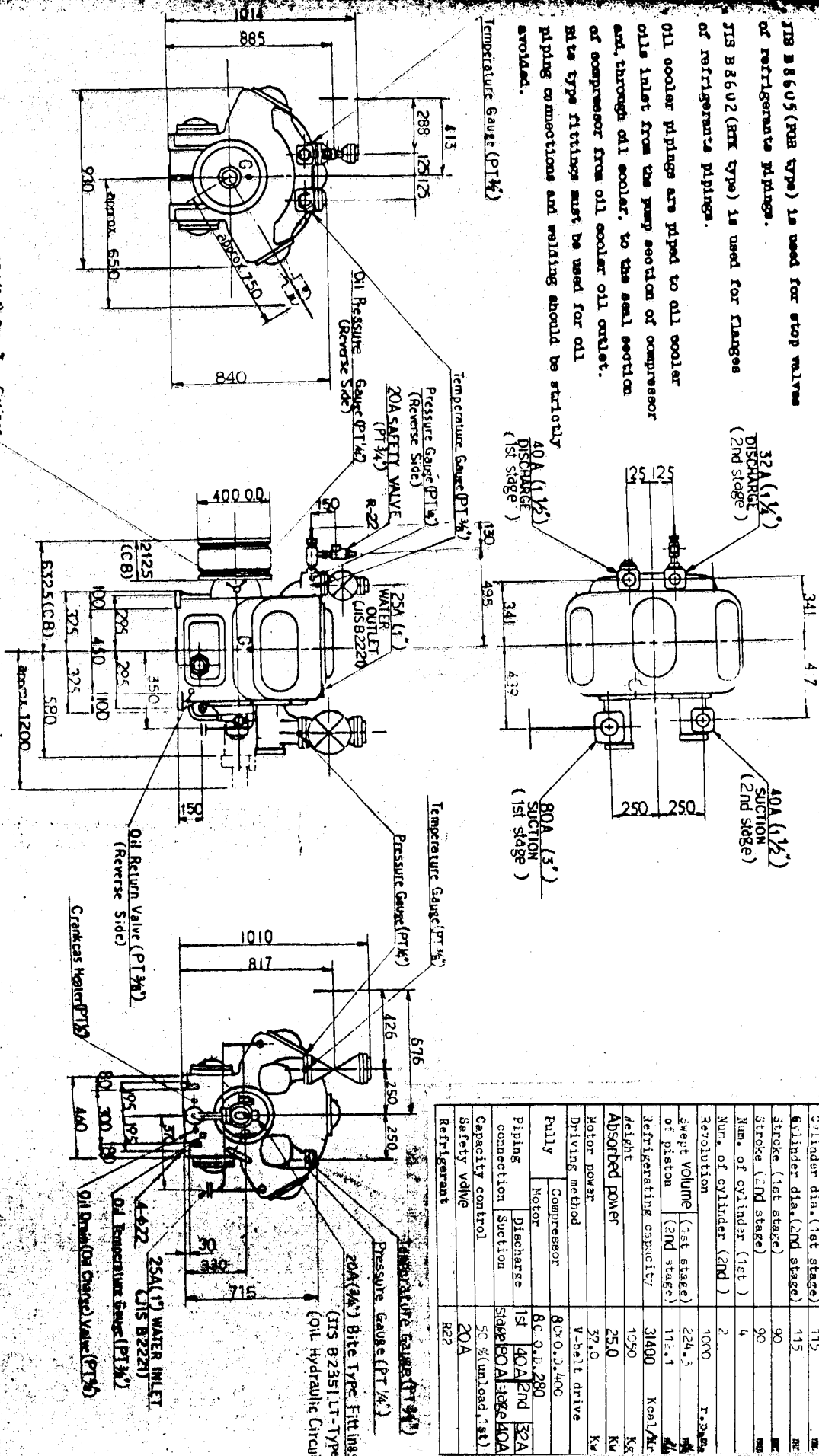
SINGLE-STAGE COMPRESSOR

JIS B 3602 (Rex type) is used for flanges of refrigerant's piping.

Oil cooler plugings are piped to oil cooler
oil inlet from the pump section of compressor
and, through oil cooler, to the seal section
of compressor from oil cooler oil outlet.

4
piping connections and welding should be strictly
avoided.

Temperature Gauge (PT $\frac{3}{4}$)



SPECIFICATION		
Cylinder dia. (1st stage)	115	mm
Cylinder dia. (2nd stage)	115	mm
Stroke (1st stage)	90	mm
Stroke (2nd stage)	90	mm
Num. of cylinder (1st)	4	
Num. of cylinder (2nd)	2	
Revolution	1000	r.p.m.
Swept Volume of piston	224.5 (1st stage) 113.1 (2nd stage)	cc
Refrigerating capacity	31400	kcal/hr
Weight	1250	Kg
Absorbed power	25.0	Kw
Motor power	37.0	Kw
Driving method	V-belt drive	
Fullly	8 C.O.U. 400	
Motor	8 C.O.U. 280	
Piping connection	1st 40A 2nd 32A 3rd 25A 4th 20A	mm
Capacity valve	50 % (unload, 1st)	
Refrigerant	20A	
	R22	

20A(3/4") Bore Type Fittings
(JIS B2351 LT-Type)
(Oil Hydraulic Circuit)

Proj. 1424/Client: SCOP-IRAO
MR 2410.01 PO 2009
Item 35 BBS-GC-503
NO.2 REFRIGERATOR

DR.	<i>W. R. R. R.</i>	SCALE
APPR.		1/20
DATE	5th, 9, 1980,	
DWG NO.	3B 1818	

VM 42

TWO-STAGE COMPRESSION

MISSIN REFRIGERATION
• FANCLAMPING • TM